iteris®

Vantage Edge®2
A machine vision processor that delivers superior performance

**Benefits of the
Vantage Edge2 System**

Includes SmartCycle® and
PedTrax™ technology

Simple to use interface reduces
training time and improves
productivity

Ease of set up and minimal lane
closure time reduces manpower
cost and keeps traffic flowing during
equipment installation

State-of-the-art video detection processor

The Vantage Edge®2 processor is a key component in the family of Vantage®
video detection solutions. The module combines state-of-the-art technology
with sophisticated algorithms to deliver dependable vehicle detection required
for today's complex transportation systems. The Edge2 processor features single
or dual video inputs to maximize configuration efficiencies for intersection control,
highway monitoring, and ramp metering flow control applications.

Maximum flexibility with optional modules

The processor module is complimented by multiple Input/Output and Extension
Modules that provide flexible and expandable solutions to meet the needs of
larger and more complex intersection configurations.

The Edge2 processor module and its associated expansion modules fit into
standard detector racks to simplify installation and set up. All modules are
designed as a simple and cost-effective replacement for the inductive loop
amplifier module configuration.

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The Edge2 processor and all of its associated modules can be completely configured by using a mouse and video monitor only, eliminating the need for expensive laptops or PDA devices.

More Benefits

- "Plug and play" operation enables use of existing detector rack
- Expandable and modular system allows for optimal configuration that helps to reduce cost while preserving room for incremental growth
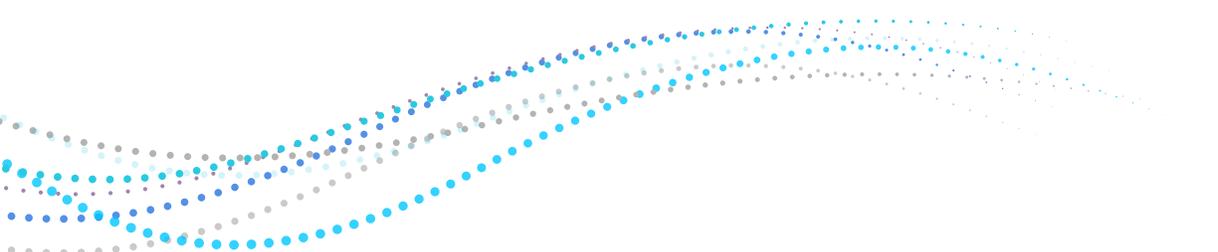- Includes PedTrax™ for pedestrian measurement and speed

SPECIFICATIONS

Power Consumption	I2 or 24 VDC, 7W maximum	**Detector I/O**	Outputs (open collector +24VDC nominal 50mA)
	• @I2VDC - 490mA		• 4 on rear edge of module
	• @24VDC - 280mA		Inputs
Video	Input type		• 4 on rear edge of module
	• NTSC, PAL	**Status Indicators**	24 detection zones per camera channel
	• 75 Ohm I Vpp		4 LEDs indicate output detection state
	I input channel		4 LEDs indicate video source
	• Single BNC connector	**Environmental**	-35°F to +I65°F (-37°C to +74°C)
	2 input channel		0% to 95% humidity non-condensing
	• Dual BNC connector		0.5Gm, 3 axes, 5-30Hz vibration tested
	Output – All models		I0G in all 3 axes for shock testing
	• Single BNC connector	**Mechanical**	7" L x 4.5" H x 2.3I" W. (I7.78cm x II.43cm x 5.86cm)
Communication Ports	USB A Mouse		0.8lb (.363Kg)
	USB A Thumbdrive	**Warranty**	3 years limited warranty
	USB B Comms	**Regulatory**	NEMA TS-2 Compliant
			FCC part I5, Class A

TÜV CERT
ISO 9001:2008

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